

Section 1 – Prepare the Agile Project management Environment

- 1- Sign up for one of the following
 - a. Asana
 - b. Trello
 - c. Proofhub
- 2- create an administrative account
- 3- create a project from your selection (you have to know the reason for selecting this project type)
- 4- send a full screenshot for your desktop showing Jira with the current date

Note: you may need to use a VPN, use a cyberghost

Here is a chrome extension <https://chrome.google.com/webstore/detail/stay-secure-with-cybergho/ffbkglfijbcbgblgflchnbphjdlilaogb?hl=en>

Here is a firefox extension

<https://addons.mozilla.org/en-US/firefox/addon/cyberghost-vpn-free-proxy/>

Section 2 – Writing user stories and Acceptance criteria

Brief Requirements Specification: Online Education Portal

Background: we own a company, which provides online teaching services to companies and individuals all over the world.

Objective: To hire and properly monitor a team of teachers, ensure student/teacher loyalty and cope with an expanding client base.

Maximum Load: 20 teachers, 200 students, 10 classes conducted simultaneously.

Current website: <https://mdl.ief.tishreen.edu.sy/>

Site concept: Online education portal for University Students.

Features to be added:

- 1) Stand-alone server software in addition to the existing webserver.
 - a. Its URL can be different from main website
 - b. Students from another Universities
 - c. Teachers from another Universities
- 2) On-site web-conferencing system similar to Skype, but simpler. This is an essential element of the site to guarantee control of the teaching process and to maintain teacher/student loyalty.

- a. Ability to save information about classes: teacher, student, topic, start/end date and time, mark, comment
 - b. Two-way video stream
 - c. Quality audio
 - d. Text chat
 - e. Screen share
 - f. Whiteboard functionality
 - g. Option of recording lessons
- 3) Back office for registered students.
- a. Login
 - b. Real-time updated student timetables
 - c. Teacher availability timetables
 - d. Teacher profiles with samples from lessons (embedded video, audio)
 - e. Internal messaging system for sending homework and questions/answers between students and teachers with the option of attaching files
 - f. Enhance the editing homework submission
 - g. Lesson booking and links to extra useful resources
- 4) Online test functionality. Interactive exercises in the form of multiple choice questions. This should be created as a customizable template, which can be used to create other interactive exercises by study topic.
- 5) Reports.
- a. Ability to monitor who is currently online, who is in the virtual classrooms.
 - b. Recorded lessons with start date/time and duration
 - c. Teacher workload statistics for every teacher
 - d. Report on student: classes with marks
 - e. Online test results.
 - f. Message logs
 - g. System log.
- 6) Configuration.
- a. User page
 - b. Student profiles
 - c. Teacher profiles
 - d. Online test template
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The previous document is an online education portal SRS , you as a software engineer has to do the following :

Select one of the two feature of the attached SRS and create

- a. User stories for them
- b. The acceptance criteria for one of the selected features by using BDD